



Las Vegas Fire & Rescue Fire Prevention Division Information Sheet



Effective Date: July 1 2014

CLV Ordinance #6325

The items listed are basic information only. Codes are subject to change. Additional requirements may apply.

Fire Extinguisher Selection & Placement

The selection and placement of fire extinguishers in a commercial occupancy is dependant upon the type of fire it may be needed for.

Fire types are broken down into several different categories;

Type **A** is a fire using paper, wood, or similar materials as a fuel source.

Type **B** is a fire where a liquid is the fuel source.

Type **C** is a fire involving energized electrical equipment.

Type **D** is a fire involving burning metals.

NFPA 10 is the standard adopted by the City of Las Vegas that sets the minimum size and placement of fire extinguishers in a commercial occupancy.

- For most low hazard occupancies the standard requires a 2A:10BC sized extinguisher as the minimum.
- For most occupancies the standard allows for placement no further than 150 feet apart which limits the travel distance to the furthest extinguisher to no more than 75 feet.
- In addition to spacing there should be at least one extinguisher for every 3000 square feet of space.

For example if the space is 2990 square feet one extinguisher is required, if the space is 3010 square feet 2 extinguishers would be required.

As the hazard of the occupancy increases, the type and spacing requirement for fire extinguishers changes.

- A repair garage the requirement changes to one extinguisher for every 1500 square feet of space.
- Travel distance is reduced also to no more than 30 feet.
- In a motor fuel dispensing location the size requirement increases to a 2A:20BC.



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In occupancies that use vegetable oils or animal fats (commercial kitchen, food truck/trailer), a separate type of fire may occur driving a separate type of fire extinguisher requirement.

- A class “K” extinguisher is required in the immediate vicinity of the cooking area for this type of occupancy.

NFPA 10 also requires 2A:10BC type fire extinguishers as follows in such occupancies:

- In the seating area the number of extinguishers required is 1 for each 3000 square feet.
- In the service area the number of extinguishers required is 1 for each 1500 square feet.

In all cases the extinguisher shall have a tag affixed to it indicating that an inspection and service has been provided to it within the last year. **Only companies authorized by the Nevada State Fire Marshall’s office may perform this service.**

Every 30 days all fire extinguishers should be visually inspected to for loss of pressure on the pressure gauge. This inspection may be done by the occupant and is documented on the back of the service tag.

Fire extinguishers shall be mounted in the normal path of egress with the top no higher than five feet above the floor. If the fire extinguisher is not readily visible a sign indicating the location of the fire extinguisher shall be placed in a readily visible location immediately adjacent to the fire extinguisher.

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Fire Prevention Division
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www.lasvegasnevada.gov/LawsCodes/fire_code.asp